Fol. 18-34-18 23

Proceedings of the Government of ~~H.H.~~
H.H. the Maharaja of Mysore.

Read:-- Letter No.8114-11 dated the 8th August 1934 from the Director of Geology submitting proposals for the posting of Mr.V.T.Venugopal as Assistant Geologist and Mr.T.P.Krishnachar as Sub Assistant Geologist in the vacancy caused by the retirement of Mr. B.Balaji Rao, Assistant Geologist and Superintendent, Government Chrome Mines with effect from 24th October 1934.

2. Correspondence ending with letter No.B. 61/34 dated the 12th Septr. 1934 from the Secretary Board of Management, Mysore Iron Works, furnishing certain information regarding the work of Mr. Venugopal ~~xxxx~~ when he was on duty in the Iron Works since 1924.

3. Letter No.8114-22 dated the 18th Septr. 1934 from the Director of Geology forwarding, with his recommendation a representation of Mr T.P.Krishnachar regarding his pay.

4. Government Order No.Fl.3237-40/S and A 255-34-1 dated the 2nd October 1934 sanctioning revised scales of pay in the departments of Mines and Explosives and Geology.

Order No.D. D 65-35-37

Bangalore, dated the 9th April 1935.

Government are pleased to sanction the

App. F. IX-4

1932-3 (Geol)

File No. 16-32

Serial Nos. 1-10

Previous References

Geol 43-30 (1-14)

" 113-28 (1-4)

Later References

Geol-16-32 (16, 18)

14-33 (1-3)

~~14-33~~ 14-33 (6, 7)

Reserve

62

General and Revenue Secretariat.

Geol 242-46-1-6

Serial Nos. Ten

Part B for Nov. 32

SUBJECT.

Deputation of Mr B. Rama Rao, Assistant Geologist to England and America for higher studies in Geology.

O 1538-9 Dt 10.10.32

to Dir of Geol.

Compl No

Sanctions the

[illegible]

Deputation of Mr B. Rama Rao Asst-Geol

General and Revenue Secretariat | Geol File No. 16 of 1932 | [App. F. III—2

Serial No.

1 From the Dir of Geol
No 7013-1 d 16 July 1932

Forwards a copy of an application from Mr B. Rama Rao, Asst-Geologist for foreign deputation and requests sanction for his deputation on any one of the following two schemes —

(a) Session of the XVI International Geological Congress to be held at Washington, U.S.A in June 1933 as well as some of the tours together with a short course on modern Petrological methods at South Kensington, London, which would cost about Rs 6,500/- for one year.

(b) Regular study at London or any other English University to qualify himself for a higher degree after two year's study. This would cost about Rs 9,300/

1 Submit for orders with replies available.

[Letter No D 8270 d 10/2/31 is not easily traceable. It will be traced & put-up]

2 In that letter the Dir was requested to submit necessary proposals at the time of the 1931-32 Budget for making provision therein. Happy

Geol 113-28

3 This should be traced & put up on Monday 25th without fail. 22/7/32

Sd
22/7/32

Submd. A copy of the letter which has been received from the Dir's appl, is put-up for reference

Sd
25/7/32

5 Out of the two alternatives suggested he are to attend the Internat

Note—Contn. Sheet.

Geo File No. 16 of 1932 — 33

General and Revenue Secretariat

Geological Congress to be held in June 1933 & make the tour through some of the typical Archaean areas of N. America seems well worth consideration.

6 It will be hereafter seen from the refer Collection: Geo: File No 113-28 of 1928-29 that up that the Rama Rao's foreign deputation which had been sanctd was put off owing to his deputation to Baria State.

Dev. Secy) 26/7/32

Vide 1st "Scheme" (para 8 of letter) is cheaper as its cost is Rs 6500 & may perhaps be favorably considered (It does not seem worth while to increase the expense to Rs 9300 for obtaining the mere titular Ph. D as per 2nd Scheme)

27.7.32

I Mr & Dewan) through Fin. Sec

8 There is no provision for this in the Budget. Under the Economy order foreign deputations have to be postponed

29.7.32

H. 240.32 & 8.7.32

217

Serial No.

9 The Geological Department is a technical one and the question of arranging for the efficient manning of it in the future, requires consideration. Mr. Sampat Iyengar had to retire prematurely and his successor Mr. Sen is nearly 52 years old. Of the Assistant Geologists, the most senior is Mr. Balaji Rao and he is older than Mr. Sen being nearly 53 years and his health ~~also~~ has been indifferent for some time past. The next officer is Mr. Rama Rao and he is considered competent by Mr. Sampat Iyengar to hold a higher charge in the Department.

10 In view of what is stated above, I think it is desirable to give Mr. Rama Rao an opportunity of widening his knowledge of geological matters so that he might be better equipped for holding, in due course, a more responsible position in the Department. Dr. Smeeth appears to consider that it would be of much value to Mr. Rama Rao and to the Department if he attends the Congress at Washington and makes a tour through some of the areas of North America, the geological formation of which is stated to resemble that of Mysore. The scheme of study suggested by Mr. Rama Rao appears to be suitable.

The deputation is estimated to cost Rs 6,500/-. The details for this aggregate amount are not furnished. The estimate is obviously

WD 2165—GPB—500—27-5-32

Serial No.

DEPUTY SECRETARY'S OFFICE 2 AUG. 1932

obviously exclusive of the pay of Mr. Rama Rao As the activities of the Department are now somewhat contracted, I don't think it would be necessary to fill up his place if he goes out on deputation. The Congress, it is stated, will be held in June 1933 and accordingly, part of the expenditure of the deputation would have to be incurred this year and part in the next official year. If it is decided to consider favourably the proposal to send him on deputation, the details for the estimate of Rs 6,500/- may be called for with information in regard to what part of this outlay has to be incurred this year and what part next year. The Director may also be asked to state if the part to be provided this year can be met by re-appropriation.

12 Please Submit to Dewan
1.8.32

Dewan)
13 2.8.

14
2-7-32

15 Asst. Sec
please put up draft on the lines of I Govt's instns.
3.8.32

16
Draft subd. for approval
4/8/32

17 Please put up a revised draft.
5-8.32

WD 2165—GPB—500—27-5-32

eral and Revenue Secretariat | Geol File No. 16 of 1932

Serial No.

18 Sorted with a revised fair draft.

6/8/32

19 For approval

Sec. Secy) 6/8/32

20 Issued

8/8

2 To, the Director of Geol

No D 602 d 9/8/32

Calls for certain information required in para 11 above

Sl 3. From the Dir of Geol No 7013-4 d 13/8/32 Furnishes information called for in Sl 2 above

→ 4 Expenses during 1932-33 from the Middle of Nov. 1932 to the end of June 1933 — Rs 4907-13-

Expenses during 1933-34 from the 1st of July 1933 to the 2nd week of August 1933 — Rs 2345-2-

Total Rs 7252-15-

About a sum of Rs 753 is in excess of the original estimate of Rs 6500.

Amount available for reappropriation in the current year's budget — Rs 3412-0-0

The balance (Rs 1500) has to be met from some other source in the current year.

The Dir states that Mr. Rama Rao's place need not be filled up during the period

NOTE—Contn. Sheet.

TYPING SECTION 8. AUG. 1932 GENL & REV. SECTT

Deputation of Mr Rama Rao, Assistant Geologist

227
610

File No. 16 of 1932

General and Revenue Secretariat

of his deputation and that ~~[illegible]~~ some items mentioned in the P.W.D require the special sanction of Govt in case the deputation is sanctioned

~~Submit for orders with reference to para 11 above. The Finl Secy may be consulted~~

The Govt recommends that Mr. Rama Rao may be allowed to draw his full pay and considered to be on duty during the deputation period

Submit for orders with reference to para 1 above. The Finl Secy may be consulted in the matter

22 The total expenses are estimated at Rs 7252-15-0 now as against Rs 6500/- given in the first instance. Out of this the Dy states that Rs 4907-13-0 will have to be met this year & the balance in 33-34. He calculates that a saving of Rs 2462-4-0 can be expected if the proposals to pay up the Dy Dir's pert salary his are sanctd. As there is no ~~[illegible]~~ the savings under salaries will be Rs 6940 - 1980 = Rs 3960. This together with Rs 660/- (savings expected under T/A) plus Rs 290/- added for rounding up in the Budget will be given in all Rs 4910/- for the amount required for Mr Rama Rao's deputation

Serial No.

23 In view of this, if the deputation may perhaps be sanctioned, ~~in lieu of this~~, and sanction accorded also to the ~~Spt~~ items in the estimate referred to by the Dir as requiring special sanction

Dev. Secy) 18/8/32

24 For appl. or other orders

18-8

I Mr (Fin Sec.) 18/8

25 ~~As already stated~~, In the present state of our finances all expenditure which is avoidable and could be postponed has to be put off. If, however, it is considered absolutely necessary to sanction the deputation of this officer now, the full amount required for the purpose may be got by reappropriation by not sanctioning officiating arrangements in the vacancies of the Deputy Director's place referred to in the Assistant Secretary's note at A above.

26 In regard to the allowances payable to the officer during deputation, the rules allow only single fare from Bangalore to Bombay, no daily allowance at Bombay, and 2nd class B return fare by steamer/(and not 2nd Class A or single fare each way). The daily allowance at America at 15 dollars per day appears to be high. I understand that Mr. M.A.Srinivasan was allowed a daily allowance of 10 dollars during his visit to America in 1929. It may be

p.t.o.

Note—Contn. Sheet.

considered whether it is not possible to reduce the rate of allowance in the present case. It is presumed that the railway fare in England which is mentioned in the statement furnished by the Director is 3rd class fare as ~~th~~ only this is admissible.

Office
Fin.
24 AUG. 1932
No. 1363

23/8/32

27 H: 50 3. 32

The Deputation may be sd and intimated to the Dir so that Mr Ramaswami may make necessary arrangements for attending the Congress and pursuing the studies suggested.

28 There is no objection if the Deputy Dir's place being filled up and so the cost of the Deputation this year can be met by savings

29 As regards enquiries & economies suggested by Fl Secy the views of the Dir may be obtained.

30 May be sent to Dewan

DEWAN'S OFFICE
1299
25 AUG. 1932

~~for approval & action~~

Dewan

31 25-8-32

32 25-8-32

33 Early

26-8-

Deputation of Rama Rao

General and Revenue Secretariat | File No. 16 of 1932

Serial No.

35

Subd. yes | This appears to be a common matter
29/8/32 | Two draft letters con. of Govt. are subd. for
Journal Consult | Govt order and to put up after
| Here file is returned from the Council

Deputation of Officers to Foreign Countries is usually treated as a Council matter

37 Submitted to the Ch. Secy.
29/8/32

38 C. S.
30/8/32

39 The proposal, I take it, is what is referred to as the 1st scheme, — viz. that Mr Rama Rao is to spend about 5 or 6 months in London at the Imperial College of Science: then attend the Congress in Washington, tour in America for about 6 weeks & then return to India (It is not necessary that he should attempt to get higher degrees in England).

2. I don't know whether, in view of the financial situation, the question of study leave to the officer could not be considered. If that is not feasible, I am agreeable to the deputation; the scale of allowance being modified on the lines of the Govt. Secy's proposals which are reasonable

Ley
1/9/32

40 If it is the first scheme that is proposed to be approved

(1) The officer proposed to be deputed for equipping ~~for the purpose of~~ obtaining higher changes in the Dept. I think in the circs of the case it may be treated as one of deputation and not of study leave. All possible economies in passage & other allowances may be made
Mml 2/9/32

Note—Cont'd. Sheet.

10 Deputation of Mr. B. Rama Rao to England and America

C49

Govt File No. 16 of 1932

General and Revenue Secretariat

OFF Fl... 7 SEPT 193 No. 1651

42 For perusal of Finance Member's minute

MEM

Second Member 5/9/32

43 Sec 6.9.32

OFFICE OF THE HONOURABLE MEMBER ... No. 1785

44 For favour of a final note

MEM

Finance Member) 7/9/32

45 Final note

46 Pending sanction the Div may be consulted about economies suggested by Hon'ble Secy. Return personally. Maybe taken to save something on this item also

MEM 9/9/32

47 A draft to the Orig Govt is submitted as ordered by the 1st member above.

48 Sec 8/9/32

Sec 8/9/32

To, the Hon Orig Govt
No J 1096 of 8/9/32
Calls for certain information required in para 26 above

DEWAN'S OFFICE 1607 9 SEP 1932

49 S. N. put up

Dewan.)

MEM 9/9/32

M 9-9-32

138

For Disposal by Circulation

No. C. 49

of 1932-33

GENERAL AND REVENUE SECRETARIAT.

Council Matter.

Subject

Deputation of Mr. B. Rama Rao, Assistant Geologist, to England and America.

50 *Circulated to the Members of Council.*

By Order,

30th August 1932.

Chief Secretary to Government.

---

51 **First Member of Council.**

1479/30/8

52 **Second Member of Council** Please see within

1649/31/8

53 Resubd to I Member

1/9/32

54 Note within

2/9/32

1555/1/9

Final Note by the First Member of Council.

Subject:—

Deputation of Mr. B. Rama Rao, Assistant Geologist, to England and America for higher studies in Geology.

55 The question of deputing one of the officers of the Geological Department for foreign training is being urged by the Director of Geology from 1929, but it has had to be put off so far for one reason or another. The premature retirement of Mr. P. Sampat Iyengar coupled with the fact that the present two senior most officers in the Department are already nearly 52 years old, has made it necessary to give early consideration to the proposal.

56 The Director of Geology has recommended that Mr. B. Rama Rao, Assistant Geologist, who is the saniormost among the junior officers of the Department, may be deputed to attend the session of the XVI International Geological Congress to be held at Washington in June 1933 as well as to undergo a short course of study on modern petrological methods at the Imperial College of Science, London. It is accordingly proposed to sanction this recommendation, care being taken to keep the expenditure at the minimum.

57 The Dewan and the Second Member have agreed to this proposal and it may be graciously sanctioned.

Bangalore,)
8th September 1932.)

M N Venkatarama Rao
MEMBER OF COUNCIL.

Submitted to His Highness.

58

I submit herewith a Final Note by the First *Member of Council* regarding the deputation of Mr. B. Rama Rao, Assistant Geologist, to England and America for higher studies in Geology

for His Highness gracious approval.

Mirza M. Ismail

Dewan.

STATEMENT OF CASES SUBMITTED FOR THE ORDERS OF HIS HIGHNESS THE MAHARAJA DURING THE TOUR OUTSIDE THE STATE IN .....September..1932.....

Register No.	Subject	Orders of His Highness	Order regarding submission of files (*vide* foot-note)
138	Deputation of Mr. B. Rama Rao, Assistant Geologist, to England and America for higher studies in Geology.	53 143. Approved by His Highness Sd/- Secretary to Govt. 13/9/32	C. MRC 22/9/32 MRC 23/9/32

NOTE.—The letter a, b or c may kindly be inserted by the Private Secretary to His Highness in the last column to indicate whether

File may be submitted at once .. .. a
File may be submitted after His Highness' return .. .. .. b
File may not be submitted at all c

C49

General and Revenue
Secretariat.

60

Deputation of Mr. B. Rama Rao, Assistant Geologist, to England and America for higher Studies in Geology.

(*)

31. All urgent or confidential files returned with His Highness' orders may in the absence of instructions or indications to the contrary, be ordinarily circulated to the Members of Council for perusal after the issue of orders.

33. The Secretaries concerned should see that orders in the cases referred to above are issued at once and that the files are returned immediately after to the Chief Secretary for circulation to the Members.

34. In all other cases, the files will first be circulated to the Members of Council at Headquarters and then sent to the Secretariat concerned for the issue of orders.

Circulated to Members of Council for perusal of His Highness' orders before/after issue of orders. (*Vide Rules* 31, 33 and 34 of the Subsidiary Rules for the conduct of business of Council in the Manual of Council Rules and Procedure.)

Chief Secretary to Government.

61

Through the Secretary to Government,

Dev. Department.

62

FIRST MEMBER OF COUNCIL. (Seen)

63

SECOND MEMBER OF COUNCIL.

64

Dev: Secy. with Compliments.

24/9/32

65

Asst. Sec. — For the action

NOTE:—Contn. sheet

Deputation of Mr. B. Rama Rao Assistant Geologist

610
9.5.7

General and Revenue Secretariat | Geol File No. 16 of 1932

Serial No.

5 From the Off. Supt. of Geol
No 7013-6 dt 9/9/32
Furnishes information called for in the above

66 ~~Submit with reference to paras 29 and 46 above~~ Orders on the P.W.D.
Submit
1st Member — Initd. B.K.M.

Reference to Ad Secy is necessary with previous papers
Initd M.N.K. 11/9/32
B.M.K 12/9/32

67 Submit with reference to paras 29 and 46 above A draft sanctioning is also put up for approval

Geol 43-30-
E

SR 26/9/32

68 Attention is respectfully invited to the directions of the First Member on the PWD Financial concurrence is necessary It is also for orders if the programme outlined on pages 2 & 3 of Mr Rama Rao's application may be inserted as an appendix to the draft order

~~A.D. may be sent to the Draft~~
~~Notice of Deputation has been received~~

KP 27.9.32

~~and [illegible]~~ The file may be referred to the Fl. Secretary as ordered by the Min. The rates of Railway fare have to be fixed only after orders are obtained on Financial opinion. Pending the ~~[illegible]~~

~~[illegible] 27/9/32.~~

Note—Contn. Sheet.

~~Dot Secy~~)

Deputation of Mr B. Rama Rao, Asst Geologist 957

Geol. File No. 16 of 1932 | General and Revenue Secretariat

69 Pending the issue of formal orders, the Director may, if necessary, be informed Demi officially that the deputation has been sanctioned. The file has to be referred to the Fl Secy as per orders of the Member dated 11-9-32. The approval of Statement I enclosed with the Director's letter dated 13-8-32 is for ~~approval~~ consideration in the circumstances explained by him in the P. O. D with the alterations suggested in paras 2 and 6 thereof. MSK

28/9/32

Dept Secy) 70 For favoring perusal & necessary action

WS 28-9

Fin. Sec.)

71 The rules permit only Single Fare to Bombay. ~~only this may~~ This alone may be given - For meeting other Expenses during the Railway Journey he may be given d.a. in lieu of ½ fare asked for.

72 D.A. may be given for halts at Bombay also, as in some cases it has been given.

73 ~~Extra~~ Extra days may be given for the period of the Congress and its ~~at~~ Connected trips as the Congress authorities have notified that this amount is necessary.

74 Return steamer fare may be paid, as per orders of Member in para 46 above

Fl: 926. 32 dt 28.9.

Ref: Financial Secy's note at page 8.

28-9.

30/9/32

General and Revenue Secretariat | File No. 95 of 193

Serial No.

75 Yes, a draft will be put up on the lines suggested above note

I. Mr. [illegible] 30/9 3/10/32

FIRST ... 4 OCT. 1932 No. 2132

76 Draft for ackd.

I. Mr. 77 3.10.32 Ordinary railway fare from Bangalore to Bombay and back may be given. The Deputation puts Mr Ramaswami to much expense and the grant of the town rate of fare for these journeys is reasonable

Mra 4/7/32

78 When are the statements referred to in the preamble and why is no ref made to the draft? is dollar rate for foreign periods?

79 The statement and programme referred to in the preamble are flagged N & R. The draft before revisions ordered by the Member stated that the expenses indicated in the statement will be allowed subject to the modifications and additions, the former in accordance with the programme

Note—Contn. Sheet.

WD.70—GBPM—60,000—13-8-31

Deputation of Mr. Rama Rao, Asst. Geologist.
95-7

File No. 16 of 193.2 | General and Revenue Secretariat

and the latter with reference to para 6 of D U D. The fifteen dollars are minimum. The statement itself, and as regards the other halts in America except the Conference one there is a slight variation in the recommendation of the Dr of Geology vide his letter of 13.8.32 ~~as regards the halts other than Conference one in America~~ vide item 7 on page 2 thereof

T

N

80 As the statement was comprehensive, sanction was proposed to ~~allow~~ the expenditure mentioned in it subject to the modifications.

81 An alternative draft in accordance with the Member's views is also submitted sanctioning the items on which the Dr requested special sanction

A S

T

82 It is for consideration if the statement may be sanctioned subject to the change in the steamer fare and the addition of the journey to Madras and the specific rate of 5 dollars for halts in connection with the visit to Canada; as the Estimate contains detailed information in foreign currency

Submitted for orders

OFFICE OF THE FIN. MEMBER

2188

83 A - Draft approved

First Member) 5.10.32

84 Issue attached 7.10 Mer 6-10-32

957
1350

General and Revenue Secretariat | Geol File No. 6 of 1932 | [App. F. III—2

Serial No.

H-Gen-586

85 For the Secy's opinion, please see paras 11-14 draft of Gazette.

11/10

86 For perusal of I Members orders before issue

(Fin Secy)

17/10

87

12/10

88 Issue 18/10

Issued

F/C signed by Secy

6 To, the Con of Geol
the Comptr Hyd & D
No J 1538-9 dated 10/10/32
Sanction the deputation of Mr. Rama Rao to England and America and its cost.

7 From the Ag Con of Geol
D.O.No 7013-10 of 13/10/32
Request, in the circs stated, that Mr. Rama Rao may be permitted to select any suitable College either in London or some other English University within the limit of the college fee sanctioned in the fo. — in Pl 6 above.

Orders on the P.U.D.

89 " The proposal at A may be approved and the Con informed accordingly, very early ".

M.N.R
14/10/32

90 A draft f.o is put up for approval

91 Issue & submit to Hon'ble Secy for perusal

15/10/32

92 14/10/32

TYPING SECTION 15 OCT. 1932 GENL. & REV. SECT.

NOTE—Contn. Sheet.

Genl
File No. 16 of 1932

General and Revenue Secretariat

From the Govt of Genl
No 7013-17 d 18/10/32
Request approval to this action in having permitted Mr. B. Rama Rao to book his passage by the P&O. Steamer leaving Bombay on 29/10/32
Submit with reference to para 91 above.
A Draft letter to Govt of Genl is put up for approval.

Sd KB
18/10/32

1. For perusal of FD.
Cases referred to in para 91 supra
2. Draft ~~approval~~ ratifying the action is for approval.

Dev. Secy) 18/10/32
I. M.) 19/10
19/10
Secy 20/10/32
20.10
20/10

To, the Govt of Genl
No D 1713 dated 21/10/32
Reply to Govt of Genl above. Govt of Madras approve of this action.

FIRST
OCT. 195
No. 2370

20 OCT. 1932
GENL. & REV SECT.

B
9/11/32

APPOINTMENT BRANCH.

Geol 16-32-1

M. G. D. 12.]

GOVERNMENT OF MYSORE

GEN. & REV. SECRETARIAT
18 JUL 1932
DEVELOPMENT BRANCH.

Telegraphic Address:—"GEOL."

MYSORE GEOLOGICAL DEPARTMENT,

Bangalore, 16th July 1932

No. 7013-1

FROM A.M.Sen, Esq., M.Sc., F.G.S., &c.,
~~EXAMBATTIENGAR~~
Offg. Director of Geology in Mysore,
Bangalore.

DEVELOPMENT SECRETARY
16 JUL. 1932

TO D. Sreenivasa Iyengar, Esq., B.A.,
Secretary to the Government of
His Highness the Maharaja of Mysore,
Development Department, Bangalore.

SIR,

I have the honour to forward herewith copy of an application from Mr. B. Rama Rao, M.A., Assistant Geologist, for foreign deputation for the favourable consideration of Government.

In his letter No.3319, dated 22nd May 1929, Mr. P. Sampat Iyengar, the then Director of Geology, strongly recommended that in the interests of the Mysore Geological Department and for reasons stated therein Mr. B. Rama Rao be sent on deputation to London for a period of two years to qualify himself for a degree or diploma in Geology and Mining from the Imperial College of Science and Technology in London. Unfortunately this question of deputation was deferred by Government in their letter No.D.8270/Geol. - 113-28-5 dated 10th February 1931, on account of the loan of services of Mr. Rama Rao to the Baria State. Even after his return from the Baria State, no further proposals were submitted owing to general financial stress.

3 But in his present application, Mr. Rama Rao has brought forward two schemes for the kind consideration of Government. In the first scheme he wishes to take advantage of the session of the XVIth International Geological

Geological Congress to be held at Washington, U.S.A. in June of 1933. Dr. W.F. Smeeth, our retired Director, in a letter to Mr. Rama Rao has strongly advised him to attend the Congress as well as some of the tours, together with a short course on modern petrological methods at South Kensington, London, if all necessary facilities are provided. This programme of study together with the attending of the Congress and the tours would take up about a year, and it is estimated that it would cost about Rs.6,500/-

4. The second scheme consists of a regular study at Londo or any other suitable English University where Mr. Rama Ra be able to secure a higher degree after two years' study. may go up for Ph.D. degree, working on any special branch Geology, with which may be combined special studies in mining Engineering, suitably applicable to the conditions of the Mysore State. As this scheme would require a stay of two years' residence in London, the approximate cost would be about Rs.9,300/-

I strongly recommend this application of Mr. B. Rama Rao for deputation, as the knowledge and experience gained by him in the western countries would be very useful and beneficial to the interests of the Mysore Geological Department. Early orders of Government are solicited sanctioning the deputation on any one of the above two schemes, as the officer deputed will have to make all necessary arrangements either in America for attending the International Geological Congress or in England where the actual session of work in College commences from the first Monday in October.

I have the honour to be,

Sir,

Your most obedient servant,

A. M. Sa

Offg. Director,

Mysore Geological Department.

Bs.16/7

Copy of application dated 6th July 1932 from Mr. B. Rama Rao to Director of Geology in Mysore, Bangalore.

"I beg to request you to kindly forward this, my representation for foreign Deputation, for favourable consideration of Government.

As you are aware, the question of my deputation to England and other countries had to be held up in 1930, due to my services being requisitioned at that time, by the Baria State. Since then there had been no suitable opportunity to renew this question. Now that the 16th International Geological Congress has been decided to be held this time at Washington, U.S.A., in June of next year, I should like to bring to the kind notice of the Govt. this most suitable opportunity which could be taken advantage of to give me the needed benefit of foreign training.

I desire to point out that the Geology and mineral resources of the Lake Superior Archean region are in very many respects quite similar to what we have here in Mysore, and a comparative study of the geology of that area in conjunction with our specimens and slides, under the guidance of Geologists of International repute cannot but have its beneficial influence in widening the sphere of my knowledge and in giving me the confidence to handle with ability the problems peculiar to the Archaean rocks of Mysore which still await correct solution. This seems to be the opinion also of Dr. Smeeth (Retired Director of this Department) as is clear from his latest letter to me wherein he writes, "You have shown a great deal of energey and keeness in your work, and isolated as you are in Mysore, it would be of the greatest value to you and the Department for you to attend the Congress at Washington and make the Tours through some of the typical Archaean areas of N. America with their associated mineral deposits, especially as you would be accompanied by experts thoroughly acquainted with them. A short course on modern petrological methods at South Kensington would also be of great assistance in your work."

Considering the benefits likely to accrue by my attending the Congress and participating in discussion of selected subjects and by joining the arranged tours most suitable to the future needs of this Department if the Government be pleased to sanction this deputation, I propose to pursue the following programme of study:-

1) Practical training in modern petrological methods, either at the Imperial College of Science, London or under Prof Johannsen at Chicago. A period of 4-6 months training would suffice for ordinary needs, but if permitted I would undergo the full course to qualify myself for a Doctorate Degree. This training, I consider is absolutely essential in writing the Geological History of Mysore.

4-6 months 12 12

2) Joining the Tour party for the mining districts of Southern Appalachian and the Mississippi valley. This tour lasts for about 12 days and is arranged before the commencement of the Congress sessions. This will give me an insight into the mining industries of Limestone, Magnesite, Flourspar, Lead and Zinc ores, Manganese ores, Barytes etc.

3) Attending the Sessions of the Congress in sections devoted to the discussion of the topics on

a Measurement of geologic time

b) Batholiths and related intrusives

c) Zonal relations of metalliferous deposits.

This period could also be utilised for discussing and studying under guidance some of the problems relating to Mysore Geology.

4) Joining the Tour party, for the Iron and Copper deposits of Lake Superior region. The duration of this tour is about 12 days and is subsequent to the Congress sessions. This is of considerable importance both from the economic and geologic points of view.

5) A visit to Asbestos deposits of Black Lake region, Canada, to study the mining methods, sorting, classification etc., of the mineral. This has to be arranged independent of the Congress activities.

6) Studying the organisation, administration, scope and programme of activities of some of the foremost Geological Departments of U.S.A. This can be done from Washington alone or if necessary by one or two short tours.

The duration of this programme of study would not exceed a year// but if I am desired to qualify myself for a Doctorate the period of deputation may amount to 2 years.

Regarding my claims to pray for this deputation, I have to state that I have put in 17 years of service in the Department and have worked in almost all parts of Mysore. I am not only conversant with the various geological problems peculiar to this State, but also have seen and am familiar with all our mineral deposits, which would enable me to devote special attention to such of the matters as would be of the utmost need for the future work of the department.

Owing to the highly educative value of the organised tours of the Congress, the number of delegates to be admitted in each section is naturally limited and to avoid disappointment the intending participants are required to register their names in advance for the particular branches which they propose joining.

If the Government kindly accede to my request and intend sanctioning this deputation, I would be much obliged if you can kindly get their orders early so as to enable me to register my name for the proposed sections of tours and also to facilitate my joining the College, if possible, at the commencement of the term in October to receive training in modern Petrological methods

---

A. M. Sen 16.7.32

Offg. Director,
Mysore Geological Department.

Bs.16/7

Letter No. D.8270/Geol.113-28-5, dated 10th February 1931, from the Secretary to Government, Development Departments, to the Director of Geology in Mysore.

I am directed to invite your kind reference to this office letter No.D.10341/Geol. 113-28-4, dated 19th March 1930 stating that the question of the deputation of Mr. B. Rama Rao, Assistant Geologist, to England and other foreign countries, for undergoing a course of training in the Royal School of Mines for a peroid of two years, may be deferred for the present on account of the loan of his services to the Baria State for a period of eight months in the first instance commencing from 1st October 1930 - and to request you to be so good as to favour Government with - your opinion regarding the deputation of Mr. Rama Rao to England and other foreign countries after his return from Baria in June-next. If you consider that the deputation is desirable, I am to request that necessary proposals may be submitted at the time of framing the next year's budget for making due provision therein for that purpose.

" C O P Y "

Offg. Director, 25.7.32
Mysore Geological Department.

No D 602

Geol 16-32-2

To

The Offg. Director of Geology,

Bangalore.

Sir,

With reference to your letter No.7013-1, dated 16th July 1932 regarding the deputation of Mr. B. Rama Rao, M.A., Assistant Geologist, I am directed to request you to kindly submit ~~the~~ details for the estimate of Rs.6,500/- together with ~~the~~ information as to what part of this outlay has to be incurred this year and what part next year.

I am also to ~~inquire~~ state that if possible the expenditure ~~during this year~~ ~~can~~ and be met by re-appropriation of funds from the sanctioned grants for this year.

In the event of the deputation being sanctioned, ~~Government do not consider~~ it has to be understood that his place in the department ~~should~~ will not be filled up.

An early reply is requested.

I have, etc.,

8-8.

Dev. Secty.

6/8/32

Aga

Dated 9/8/32

Signed for B.M. Kamath

8/8/

D.610

GOVERNMENT OF MYSORE

REV SECRETARIAT 1932 DEVELOPMENT BRANCH

Telegraphic Address:—"GEOL."

MYSORE GEOLOGICAL DEPARTMENT.

No.

Bangalore, 13th August 1932.

Geol Mor 32 3

FROM

A. M. SEN, Esq., M.Sc., F.G.S., etc.,
Offg. Director of Geology in Mysore,
Bangalore.

DEVELOPMENT SECRET 13 AUG

To

D. Srinivasa Iyengar, Esq., B.A.,
Secretary to the Government of
His Highness the Maharaja of Mysore,
Development Department, Bangalore.

SIR,

With reference to your letter No.D.602/Geol.16-32-2 dated 8/9th August 1932, asking for details for the first estimate of about Rs.6,500/- for the deputation of Mr. B. Rama Rao, Assistant Geologist, I have the honour to submit herewith in a tabular form (Statement 1) a detailed estimate of the expenses likely to be incurred for the deputation during each of the official years 1932-33 and 1933-34.

The expenses during 1932-33 are estimated to be Rs.4907-13-0 and those during 1933-34 are estimated to be Rs. .. Rs.2345-2-0 the total amounting to Rs.7,252-15-0, or about Rs.753/- in excess of the original estimate; this is due to some items being originally left over by oversight, and to fluctuations in the rate of exchange.

The following items in the estimate require the special sanction of Government in the event of the deputation being sanctioned:-

1) Railway fare in India to Bombay and back to Bangalore 1½ times 2nd Class rate (to cover luggage & other incidental charges).
2) P & O. 2nd Class "A" Sea Passage to London from Bombay; or Passage to Marseilles and Overland to London.-
3) Allowance in London at £20/- per month for six months.

4) Tuition fees to be paid at the Imperial College of Science, London.

5) In U.S.A., tour before the Congress and for the days of the Congress Sessions - for 30 days at 15 dollars per day, as per estimate of the Congress organisation Committee.

6) Congress Tour subsequent to the Sessions for 15 days at $ 15/- per day (as per estimate of the Congress Organisation Committee)

7) Halts in excess of the Congress tours and sessions in U.S.A. to study the asbestos deposits at Thetford, Canada, - daily allowance to be at 5 dollars per day, exclusive of railway fare and other conveyance charges.

During the period of this deputation, Mr. Rama Rao may be permitted to draw his full salary and considered to be on duty as specified in the rules governing the deputation of officers to foreign countries, vide paras 3 and 4, Appendix (N) M.S.R.

With reference to the 2nd para of your letter where it is stated that, if possible, the expenditure should be met by - re-appropriation of funds from the sanctioned grants for this year I beg to state that a sum of about Rs.2,462/- might be available for reappropriation in the current year's provisional budget grants, as probable net saving under the item of salaries in case the officiating arrangements are sanctioned in the existing vacancy of the Deputy Director's place , as recommended in my letter No.6177-7 dated 22nd July 1932 and if Mr. Lakshman Rao is to continue to act as Assistant Geologist. The details of this calculation are shown in the Statement II. From the Travelling allowance, as Mr. B. Rama Rao would be away for the whole of the field season, Rs.660/- would be available. With the sum of Rs.290/- added in the budget for rounding up, the total amount that could be spared towards this expenditure from the Departmental provisional budget grant will come up to Rs.3412. There will still be a balance of about Rs.1,500/- for this year's expenditure for the deputation which will have to be met from some other source. It is not possible at this early part of the year to reappropriate any more fmx from other funds of this department as that would seriously affect our activities.

As noted in your letter, during the period of deputation of Mr. B. Rama Rao his place need not be filled up.

I have the honour to be,

Sir,

Your most obedient servant,

A. K. Sen

Offg. Director,

Mysore Geological Department

Bs.13/8

STATEMENT I.

Approximate estimate of expenses for the proposed deputation of Mr. B. Rama Rao, Assistant Geologist.

(I) Expenses during the year 1932-33.

Date	Item.	Indian Currency Rs.	As.	p		Foreign currency. £.	s	d
Middle of November 1932.	Railway Fare to Bombay, via Guntakal 1½ II Class.	69-	12 -	0				
	2 days Halt at Bombay	8-	0-	0				
	Steamer & Ry. fare to London P & O., II A. Fares.	642 -	0-	0		48-	0-	0
December'32 to 3rd week of May '33.	6 month's stay at London to undergo a course of practical training in modern petrographic methods &c. at the Imperial College of Science. Allowance @ £20/- P.M.	1,605-	0-	0		120-	0-	0
	Tuition fees for the term	300-	15-	0		22-	10-	0
End of May 1933.	Ry. fare from London to Southhampton	13-	6-	0		1-	0-	0
	Steamer fare from Southhamption to New York. II Cl.	401-	4-	0		30-	0-	0
	U.S.A. Head tax	30-	0-	0	$ 8			
	Ry. fare from New York to Washington.	112-	8-	0	$ 30			
June 1933	Sessional fees for the Congress. ...	37-	8-	0	$ 10			
	Tour before the Congress & Congress Sessions. 30 days @ $ 15/- per day.	1,687-	8-	0	$450			
	Total Rs.	4,907-	13-	0				

P.T.O

Statement I.

(II) Expenses during the official year 1933-34

Time	Item.	Indian Currency Rs. As. p	Foreign Currency $ or £
July 1933	Congress tour subsequent to the Sessions. 15 days @ $15 per day	843-12- 0	$ 225
July 3rd week.	Washington to Thetford to study the Asbestos deposits. Includes II Class Ry. fare and 3 days Halting allowance.	375- 0- 0	$ 100
August '33 1st week.	Quebec to London.	414-10- 0	£ 31-0-0
do 2nd week	London to Bombay. II Class steamer fare.	642- 0- 0	£ 48- 0-0
	Bombay to Bangalore.	69-12- 0	
	Total	Rs. 2,345- 2- 0	

Expenses during 1932-33		Rs. 4,907-13- 0
,, ,, 1933-34		Rs. 2,345- 2- 0
	Total	Rs. 7,252-15- 0

Estimate Approximate:-

£ Sterling calculated at Rs.13/6/- x

$ (dollar) ,, Rs. 3/12/-

Note:- Unforeseen contingencies such as incidental premiums to enter mines and factories, conveyance charges etc. are not included as they have to be submitted for sanction only after their actual incurrence.

Offg. Director,
Mysore Geological Department.

Bs.12/8

Statement II.

Probable savings under Salaries.

in the Provisional Budget estimates for 32-33-

	Rs. As. p
Savings on account of Mr. P. Sampat Iyengar's retirement, at Rs.600/- p.m. for 11 months.	6,600- 0- 0
Less 10% cut.	660- 0- 0
Balance	5,940- 0- 0
Out of this amount the following items of expenses have to be met with:-	
1) Increase in the pay of the Offg. Director at Rs.200/- per month for 11 months.	2,200- 0- 0
Less 10% cut.	220- 0 - 0
	1,980- 0- 0
2) Probable cost of acting allowances if the existing officiating vacancy of the Deputy Director's post is filled up as recommended in my letter No.6177-7 dated 22nd July 1932:-	
(a) Ag. allowance to Mr. B. Rama Rao as Offg Dy. Director for 3 months & 25 days at Rs.75/- per month. ..	287- 8- 0
Less 10% cut.	28-12- 0
(a)	258-12- 0
(b) Ag. allowance to Mr. Balaji Rao as Offg. Dy. Director at Rs.100/- p.m. for 7 months & 5 days after his return to duty on the 26th October 1932.	716-10- 0
Less 10% cut.	71-11- 0
(b)	645- 0- 0
(c) Ag. allowance to Offg. Asst. Geologist at Rs.60/- p.m. for 11 months (if Mr. Lakshman Rao is to act as Asst. Geologist)	660- 0- 0
Less 10% cut. ..	66- 0- 0
(c)	594- 0- 0

Totals of (a) plus (b) plus (c) = Rs.1,497-12-0

Totals of 1 and 2. .. .. Rs.3,477-12-0

Net Savings:- Rs.5,940- 0- 0 (minus) Rs.3,477-12-0

(NET SAVINGS):- = Rs.2,462-4-0

149772
3960 0 0

Offg. Director,
Mysore Geological Deptt.

Bs.12/8

~~Draft~~

Appendix F G—1]

SUBJECT .....

.....

.....

Section Geol

File No. 16-3

Serial No. 4

Diary No. of letter replied to .....

No. D/096

To

The Director of Geol.

General and Revenue Secretariat

( )

the *193*

Sir,

With reference to your letter No 7013-4 d 13/8/32 I am forwarding a detailed ~~[illegible]~~ estimate amounting to Rs 7252-15-0 for the deputation of Mr. B. Rama Rao, Asst Geologist to America & I am directed to state that ~~point out~~ ~~that~~ in regard to the allowances payable to Mr. Rama Rao during deputation, the rule allow only single fare from Bangalore to Bombay, no daily allowance at Bombay, and 2nd class B' return fare by steamer (and not 2nd class A or single fare each way). I am to add that ~~and that~~ the

Date of issue 8/9/32

Signed by Mr B. Munro/Bombay

Submit to Dev. Secy for approval.

8/9/32

Submd

As instructed by the Asst Secy, the draft was submd to Secretary who ordered that the draft may be issued with the approval of the Asst Secy

List of enclosures .....

Copied by .....

Examined by .....

8/9/32

8/9/32

WD 71—GBPM—40,000—20-7-31.

daily allowance at America at 15 dollars per day ~~appears to be~~ is high and to enquire whether it is not possible to reduce the ~~allowance~~ same to 10 dollars a day ~~in this case~~. It is presumed that the railway fare in England which is mentioned in the Statement I is 3rd class fare as only this is admissible.

Return passage ~~will have~~ has to be taken to effect economy. ~~An early reply is requested~~

An immediate reply is requested.

Thanks

Wesley

E/9/32

Whether the reductions suggested above may be effected in the estimates sent up by you is requested.

~~The cost of deputation will have to be met from the savings under Dy Director's pay which will have to be kept vacant as there is no likelihood of this post being filled up.~~

Geol 16-32-4

D/1076

8th September 2.

From
The Secy to Govt, Dev. Department

To
The Officiating Director of Geology,
Bangalore.

Sir

With reference to your letter No.7013-4, dated 13th August 1932 with two enclosures furnishing a detailed estimate amounting to Rs.7,252-15-0 for the deputation of Mr. B. Rama Rao Assistant Geologist to America, etc., I am directed to state that in regard to the allowances payable to Mr. Rama Rao during deputation, the rules allow only single fare from Bangalore to Bombay, no daily allowance at Bombay and 2nd Class 'B' return fare by steamer (and not 2nd class A or single fare each way). I am to add that daily allowance at America ~~xxxxxxxxxx~~ at 15 dollars per day is high and to enquire whether it is not possible to reduce the same to 10 dollars a day. It is presumed that the railway fare in England which is mentioned in the Statement I is 3rd class fare as only this is admissible. Return passage has to be taken to effect economy. An immediate reply as to whether the reductions suggested above may be effected in the estimates sent up by you is requested

I have the honour to be,

Sir,

Your most obedient servant,

For Secretary to Government,
Development Department.

Your draft

Age/2

GOVERNMENT OF MYSORE

Telegraphic Address:—"GEO

OFFICE OF THE FIRST MEMBER OF COUNCIL 10 SEP. 1932 No. 1746

MYSORE GEOLOGICAL DEPARTMENT

No 20.63-6

Bangalore, 9th September 1932.

957

FROM

A. M. SEN, Esq., M.Sc., F.G.S., etc.,
Offg. *Director of Geology in Mysore,*
Bangalore.

DEVELOPMENT SECRETARY 10 SEP. 1932

To

D.Srinivasa Iyengar, Esq., B.A.,
Secretary to the Government of
His Highness the Maharaja of Mysore,
Development Department, Bangalore.

I remember

Ref to Secy. necessary with previous ref

Min

1/12/9/32

With reference to your letter No.D.1096/Geol.16-32-4 dated 8th September 1932, I have the honour to state that Mr. Rama Rao has to take books, rock specimens etc from the Department for his special study. The proposed fare to Bombay of 1½ second class is intended to cover the luggage charges and other incidental expenses. In this connection I beg to point out that Mr. C.E. Suryanarayana Rao when he was deputed to South Africa was granted one first class and one second class fare to Bombay and was also allowed the daily allowance for his halts there. (Vide Government order No.D.6330-1/Geol.43-30 dated 17th December 1930). The same concession may also be kindly shown to Mr. Rama Rao as a special case.

2 He may be allowed the II class B Steamer fare to Marseilles, and single II Class railway fare each way for the overland journey from Marseilles to London and back. The steamer fare for the return journey is to be provided for in the budget for the year 1933-34. If return ticket is to be purchased the whole amount has to be paid now alone in advance before the passage is booked.

3 Regarding the daily allowance of 15 dollars per day in the U.S.A., the estimate is as given by the U.S.A. Congress authorities and this cannot be reduced.

5 The railway fare in England as proposed, is of the lower class.

6 Mr. Rama Rao has to go to Madras to obtain visa to his passport from the American Consul. He may be kindly granted the usual single II class fare for this journey from Bangalore to Madras and back.

Return Ticket?

Early orders are solicited.

I have the honour to be,
Sir,
Your most obedient servant,

Offg. Director,
Mysore Geological Department

Bs.9/9.

Those who expect to take the C-1 excursion and have special reason for preference of any of the optional trips to be offered are requested to indicate such preferences under "Remarks."

COST

Definite statement of costs is reserved for the next circular. Travel in the United States is expensive, and several of the excursions cover long distances. It is expected, however, that reduced rates will be made to foreign geologists by which the cost of excursions will not exceed $10 a day for those to be made by bus and $15 a day for those by rail, including all expenses. Actual cost will be charged to participating geologists from the United States.

The selected itineraries are both by rail

B Ramanathan
Asst. Geologist

GENERAL INFORMATION

Inquiries or proposals relating to the work of the session or to the future activities of the Congress should be addressed to the General Secretary.

Those who receive this circular will be rendering appreciated aid by bringing it to the attention of anyone not receiving it who may be interested in the Congress or in its program.

Circulars to be issued later will present additional details and will record progress in the development of plans for the Congress.

The cable and radio address of the Sixteenth Congress is Intergeol Washington.

All communications should be addressed to the

GENERAL SECRETARY,
Sixteenth International Geological Congress,
Washington, D. C.

On behalf of the Organization Committee:

WALDEMAR LINDGREN, *Chairman.*
W. C. MENDENHALL, *General Secretary.*

Rec'd for Rec'd
please place on file 12/9/32

12/9/32

G.R.S. App. F VI G-2]

SUBJECT Alternative draft

Diary No. of letter replied to

General and Revenue Secretariat

( )

the 192

Date of issue 10/10/32

Signed by

May this be

i Printed?

ii treated as a standing order ?

iii published in the Gazette, English Part ?

iv. translated ?

v placed at the disposal of the press ?

vi published in the Gazette, Kannada Part ?

R

Sec

File No. 16-32

Serial No. 6

Proceedings of the Government of His Highness the Maharaja of Mysore.

Read –

Correspondence ending with letter No. 7013-6 dated 9th September 1932 from the Director of Geology in Mysore recommending, in the circumstances explained, that Mr. B. Rama Rao, Assistant Geologist, may be deputed for ~~Order Thereon No.~~ about one year to attend among other things the Session of the XVI International Geological Congress to be held at Washington U.S.A. in June 1933, and undergo a short course of study on modern Petrological methods at the Imperial College of Science London, as noted in the programme attached to this order

and stating that the expenditure is estimated to be about Rs 7252-15-0 as detailed in the annexed statement

N

Order No. 7/5579 dated - 1/10/32

Government agree with the director that it is desirable to give Mr. Rama Rao an opportunity of widening his knowledge of geology and are, accordingly, pleased to sanction his deputation to England and America

The cost of the deputation during the current year will be met by reappropriation. The director of geology is requested to send a reappropriation statement verified by the Comptroller for sanction. Necessary provision should be made in the next year's budget on this account

List of enclosure.

Copied by

Examined by

Mr. Rama Rao will be draw his full salary and be treated as on duty during this period

He will be allowed —

WD 079—GPB—8000—10-10-29

G. R. S. App F. G. 3.

GENERAL AND REVENUE SECRETARIAT.

(*Continuation sheet draft form.*)

P.W.D

Single IInd class railway fare from Bangalore to Madras and back to Colombo from the American Consul visa to his passport.

(2) Usual railway fare from Bangalore to Bombay and back and daily allowance during halt at Bombay

(3) Return I to IInd class 'B' Steamer fare from Bombay to Marseilles and single IInd class railway fare each way for the overland journey from Marseilles to London and back

P.W.D as notified by Sec. "

(4) Allowance in London at £20/- per month for six months

(5) Tuition fees to be paid at the Imperial College of Science, London — £22-10-0

N

Daily Allowance w/ Crossing 15 dollars per day in the U.S.A. ~~for 60 days before~~ in connection with Congress ~~tours~~, including the sessions of the Congress and the tours before and after — 45 days.

W1D 0327—GPB—10,000—18-5-27

the Congress and for the days of the Congress sessions for 30 days at ~~15 dollars per day~~,

d) Congress Tour subsequent to the sessions for 15 days at 15/- ~~dollars~~ dollars per day

e) Daily allowance at 5 dollars per day for Halls in America, in excess of the Congress tours and sessions, to study the asbestos deposits at Thetford, Canada, a exclusive of actual railway fare and other necessary conveyance charges.

The Govt of India is requested to obtain and submit to Govt quarterly reports of Mr. Rama Rao's ~~progress~~ work during the deputation

Noted for Dev Secy

6/10/72

To, The Govt of India in Mysore with the Statement + programme

The Computer through F.D. with the Statement + programme

SRD

PROCEEDINGS OF THE GOVERNMENT OF HIS HIGHNESS THE MAHARAJA OF MYSORE.

Read:—

Correspondence ending with letter No.7013-6 dated 9th Septembe 1932 from the Director of Geology in Mysore, recommending in the circumstances explained that Mr. B.Rama Rao, Assistant Geologist, may be deputed for about one year to attend, among other things, the Session of the XVI International Geological Congress to be held at Washington U.S.A., in June 1933 and undergo a short course of study on modern Petrological methods at the Imperial College of Science, London as noted in the programme attached to this order and stating that the expenditure is estimated to be about Rs.7,252-15-0 as detailed in the annexed statement.

Order No. D 1538-9/Ser 16-32-6

Dated, Bangalore, the 10th October 1932.

Government agree with the Director that it is desirable to give Mr.Rama Rao an opportunity of widening his knowledge of Geology and are, accordingly, pleased to sanction his deputation to England and America.

The cost of the deputation during the current year will be met by reappropriation. The Director of Geology is requested to send a reappropriation statement verified by the Comptroller for sanction. Necessary provision should be made in the next year's budget on this account.

Mr. Rama Rao will draw his full salary and be treated as on duty during this period.

He will be allowed (1) single 2nd Class Railway fare from Bangalore to Madras and back to obtain from the American Consul, visa to his passport. (2) Usual railway fare from Bangalore to Bombay and back, and daily allowance during halt at Bombay;

(3) Return P & O 2nd Class, 'B' Steamer fare from Bombay to Marseilles and single 2nd class railway fare each way for the overland journey from Marseilles to London and back. (4) Allowance in London at £ 20/- per month for six months; (5) Tuition fees to be paid at the Imperial College of Science, London - £ 22-10-0; (6) Daily allowance not exceeding 15 dollars per day in the U.S.A. in connection with Congress including the Sessions of the Congress and the tours before and after it - 45 days; (7) Daily allowance at 5 dollars, per day for halts in America, in excess of the Congress tours and sessions, to study the asbestos deposits at Thetford, Canada - exclusive of actual railway fare and other necessary conveyance charges.

The Director of Geology is requested to obtain and submit to Government quarterly reports of Mr. Rama Rao's work during the deputation.

For Secretary to Government,
Development Department.

To

The Director of Geology in Mysore with the statement and Programme

The Comptroller to Government, through the Financial Secretariat with the statement and Programme.

ACH.6.

Statement I.

Approximate estimate of expenses for the proposed deputation of Mr. B. Rama, Assistant Geologist.

Expenses during the year 1932-33.

to.	Item.	Indian Currency. Rs.	as.	p.	Foreign Currency. £	s.	d.
Middle of November 1932.	Railway fare to Bombay, via Guntakal 1st 2nd class.	69	12	0			
	2 days halt at Bombay.	8	0	0			
	Steamer & Railway fare to London P&O II A Fares.	642	0	0	48	0	0
December '32 to 3rd week of May 1933.	6 month's stay at London to undergo a course of practical training in modern petrographic methods &c., at the Imperial College of Science. Allowance @ £ 20/- p.m.	1605	0	0	120	0	0
	Tuition fees for the term	300	15	0	22	10	0
End of May 933.	Lower class Railway fare from London to Southhampton ..	13	6	0	1	0	0
	Steamer fare from Southhampton to New York II Class	401	4	0	30	0	0
	U.S.A. Head tax	30	0	0	$ 8		
	Railway fare from New York to Washington.	112	8	0	$ 30		
June 1933	Sessional fees for the Congress	37	8	0	$ 10		
	Tour before the Congress & Congress Sessions. 30 days @ $ 15 per day	1687	8	0	$ 450.		
	Total ..	4,907-13-0					

ACH.6.

P.T.O.

Statement I.

(ii) Expenses during the official year 1933-34

From Time	Item.	Indian Currency Rs. as. p	Foreign Currency. £ s. d.
July 1933	Congress tour subsequent to the Sessions 15 days @ $ 15 per day	843 12 0	$ 225
July 1933 3rd week.	Washington to Thetford to study the Asbestos deposits. Includes II Class Ry. fare and 3 days Halting allowance.	375 0 0	$ 100.
August 1933 1st week.	Quebec to London.	414 10 0	$ 31 0 0
do 2nd week.	London to Bombay II Class steamer fare ..	642 0 0	£ 48 0 0
	Bombay to Bangalore.	69 12 0	
	Total	2,345 2 0	

Expenses during 1932-33		Rs.4,907-13-0
" 1933-34		2,345 2 0
	Total	7,252 15 0

Estimate approximate :

£ Sterling calculated at Rs.13/6/-

$ (dollar) " " 3/12/-

Note - Unforeseen contigencies such as incidental premiums to enter mines and factories, conveyance charges etc., are not included as they have to be submitted for sanction only after their actual incurrence.

For Secretary to Government
in Development Department

Programme of study of Mr. B.Rama Rao.

1. Practical training in modern petrological methods, either at the Imperial College of Science, London or under Prof.Johannsen at Chicago. A period of 4-6 months training would suffice for ordinary needs, but if permitted I would undergo the full course to qualify myself for a Doctorate Degree. This training, I consider is absolutely essential in writing the Geological History of Mysore.

2. Joining the Tour party for the mining districts of Southern Appalachian and the Mississippi valley. This tour lasts for about 12 days and is arranged before the commencement of the Congress sessions. This will give me an insight into the mining industries of Limestone, Magnesite, Fluorspar, Lead and Zinc ores, Manganese ores, Barytes etc.

3. Attending the Sessions of the Congress in sections devoted to the discussion of the topics on

a) Measurement of geologic time

b) Batholiths and related intrusives

c) Zonal relations of metalliferous deposits.

This period could also be utilised for discussing and studying under guidance some of the problems relating to Mysore Geology.

4. Joining the Tour party, for the Iron and Copper deposits of Lake Superior region. The duration of this tour is about 12 days and is subsequent to the Congress sessions. This is of considerable importance both from the economic and geologic points of view.

5. A visit to Asbestos deposits of Black Lake region, Canada, to study the mining methods, sorting, classification etc., of the mineral. This has to be arranged independent of the Congress activities.

6. Studying the organisation, administration, scope and programme of activities of some of the foremost Geological Departments of U.S.A. This can be done from Washington alone or if necessary by one or two short tours. The duration of this programme of study would not exceed a year.

Copy

NG

PROCEEDINGS OF THE GOVERNMENT OF HIS HIGHNESS
THE MAHARAJA OF MYSORE.

Read:--

Correspondence ending with letter No.7013-6 dated 9th September 1932 from the Director of Geology in Mysore, recommending in the circumstances explained that Mr. B.Rama Rao, Assistant Geologist, may be deputed for about one year to attend, among other things, the Session of the XVIth International Geological Congress to be held at Washington U.S.A., in June 1933 and undergo a short course of study on modern Petrological methods at the Imperial College of Science, London as noted in the programme attached to this order, and stating that the expenditure is estimated to be about Rs.7,252-15-0 as detailed in the annexed statement.

Order No. D1538-9/FC-C16-32-6

Dated, Bangalore, the 10th October 1932.

Government agree with the Director that it is desirable to give Mr.Rama Rao an opportunity of widening his knowledge of Geology and are, accordingly, pleased to sanction his deputation to England and America.

The cost of the deputation during the current year will be met by reappropriation. The Director of Geology is requested to send a reappropriation statement verified by the Comptroller for sanction. Necessary provision should be made in the next year's budget on this account.

Mr. Rama Rao will draw his full salary and be treated as on duty during this period.

He will be allowed (1) single 2nd Class Railway fare from Bangalore to Madras and back to obtain from the American Consul, visa to his passport. (2) Usual railway fare from Bangalore to Bombay and back, and daily allowance during halt at Bombay;

(3) Return P & O 2nd Class, 'B' Steamer fare from Bombay to Marseilles and single 2nd class railway fare each way for the overland journey from Marseilles to London and back. (4) Allowance in London at £ 20/- per month for six months; (5) Tuition fees to be paid at the Imperial College of Science, London - £ 22-10-0; (6) Daily allowance not exceeding 15 dollars per day in the U.S.A. in connection with Congress including the Sessions of the Congress and the tours before and after it - 45 days; (7) Daily allowance at 5 dollars, per day for halts in America, in excess of the Congress tours and sessions, to study the asbestos deposits at Thetford, Canada - exclusive of actual railway fare and other necessary conveyance charges.

The Director of Geology is requested to obtain and submit to Government quarterly reports of Mr. Rama Rao's work during the deputation.

Secretary to Government
Development Department.

To

The Director of Geology in Mysore with the statement and Programme

The Comptroller to Government, through the Financial Secretariat with the statement and Programme.

ACH.6.

Statement I.

Approximate estimate of expenses for the proposed deputation of Mr. B. Rama, Assistant Geologist.

Expenses during the year 1932-33.

Date.	Item.	Indian Currency. Rs.	as.	p.	Foreign Currency. £	s.	d.
Middle of November 1932.	Railway fare to Bombay, via Guntakal 1st 2nd class.	69	12	0			
	2 days halt at Bombay.	8	0	0			
	Steamer & Railway fare to London P&O II A Fares.	642	0	0	48	0	0
December '32 to 3rd week of May 1933.	6 month's stay at London to undergo a course of practical training in modern petrographic methods &c., at the Imperial College of Science. Allowance @ £ 20/- p.m.	1605	0	0	120	0	0
	Tuition fees for the term	300	15	0	22	10	0
End of May 1933.	Lower class Railway fare from London to Southhampton ..	13	6	0	1	0	0
	Steamer fare from Southhampton to New York II Class	401	4	0	30	0	0
	U.S.A. Head tax	30	0	0	$ 8		
	Railway fare from New York to Washington.	112	8	0	$ 30		
June 1933	Sessional fees for the Congress	37	8	0	$ 10		
	Tour before the Congress & Congress Sessions. 30 days @ $ 15 per day	1687	8	0	$ 450.		
	Total	4,907-13-0					

ACH.6.

P. T. O

Statement I.

(ii) Expenses during the official year 1933-34

Date	Item.	Indian Currency Rs. as. p	Foreign Currency £ s. d.
July 1933	Congress tour subsequent to the Sessions 15 days @ $ 15 per day	843 12 0	$ 225
July 1933 3rd week.	Washington to Thetford to study the Asbestos deposits. Includes II Class Ry. fare and 3 days Halting allowance.	375 0 0	$ 100.
August 1933 1st week.	Quebec to London.	414 10 0	$ 31 0 0
do 2nd week.	London to Bombay II Class steamer fare ..	642 0 0	£ 48 0 0
	Bombay to Bangalore.	69 12 0	
	Total	2,345 2 0	

Expenses during 1932-33		Rs.4,907-13-0
" 1933-34		2,345 2 0
	Total	7,252 15 0

Estimate approximate :

£ Sterling calculated at Rs.13/6/-

$ (dollar) " " 3/12/-

Note - Unforeseen contigencies such as incidental premiums to enter mines and factories, conveyance charges etc., are not included as they have to be submitted for sanction only after their actual incurrence.

B Muckerjee
Jt Secretary to Govt
Indus Dept

ACH
.6.

Programme of study of Mr. B.Rama Rao.

1. Practical training in modern petrological methods, either at the Imperial College of Science, London or under Prof.Johannsen at Chicago. A period of 4-6 months training would suffice for ordinary needs, but if permitted I would undergo the full course to qualify myself for a Doctorate Degree. This training, I consider is absolutely essential in writing the Geological History of Mysore.

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3. Attending the Sessions of the Congress in sections devoted to the discussion of the topics on

a) Measurement of geologic time

b) Batholiths and related intrusives

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This period could also be utilised for discussing and studying under guidance some of the problems relating to Mysore Geology.

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5. A visit to Asbestos deposits of Black Lake region, Canada, to study the mining methods, sorting, classification etc., of the mineral. This has to be arranged independent of the Congress activities.

6. Studying the organisation, administration, scope and programme of activities of some of the foremost Geological Departments of U.S.A. This can be done from Washington alone or if necessary by one or two short tours. The duration of this programme of study would not exceed a year.

"Copy"

D.O.No. 7013-10

Urgent — The proposal of A may be approved. Sir informed. Very early. The accordingly. 14/10/32

A.M.Sen, Esq., M.Sc., F.G.S., &c
Offg. Director of Geology

Mysore Geological Department.
Bangalore, 13th Oct. 1932.

See 16-32-7

1350

Dear Sir,

I enclose herewith a copy of a letter received by me from Mr. B.Rama Rao, Assistant Geologist, whose deputation to England and America has been kindly sanctioned by Government in their order No.D.1538-9/Geol.16-32-6, dated 10th October-1932. As already explained therein by him, it will take some time for him to interview the University authorities and fix up the College and programme of work in consultation with the professor concerned; and as the Sessions have already commenced from the 1st week of October, he desires to leave Bangalore on the 26th instant and sail from Bombay on the 29th of this month, so that he can commence his work as early as possible.

The sessional fees for post graduate courses used to be £22-10-0 in the Imperial College of Science, London; and this was quoted by me in the approximate estimate of expenses for the deputation. Now it appears that this fee has been raised to £62-10-0, as per enclosed copy of a letter received by me by the last mail. The latest calendar of the London University shows that in some of the other colleges, viz., the University College, the King's College, where there are equal facilities for the proposed training in Advanced Petrology, the sessional fees continue to be £22-10-0. Under these circumstances, I suggest that Mr. Rama Rao may be kindly permitted to select any suitable college either at London or at some other English University where he could get the best of training, within the limit of the fees sanctioned by Government.

In anticipation of your kind sanction, I have permitted him to book his passage by the P & O. steamer leaving Bombay on the 29th instant.

p.t.o

Early orders are solicited.

Yours sincerely,

A. M. Sen

Rajakaryaprasakta

Diwan Bahadur M.N.Krishna Rao, Esq., B.A.,

First Member of Council,

B a n g a l o r e.

Copy of letter No.GP/R dated 16th September 1932 from the Assistant Registrar, Imperial College of Science & Technology, London, to the Director, Mysore Geological Department, Bangalore.

"With reference to your letter of the 11th August and to my reply of the 29th of that month, I have now heard from the Head of the Geology Department who states that the difficulty about Mr. Rama Rao beginning work in his Department in January is that the course in Modern Petrographic Methods will already be in progress The course begins in October, but the Professor thinks that in view of Mr. Rao's qualifications and official position it might be left to Mr. Rao to catch up the work already done.

The fee for the course will be at the rate of £62.10s. per College Session. If Mr. Rao joins in January the fee will be reduced by one-third. The session extends from October until June. Will you kindly let me know whether Mr. Rao proposes to come to the College, and, if he is coming, please return completed the application form sent herewith.

Bs.13/x

Offg. Director.

Copy of letter dated 12th October 1932 from Mr. B. Rama Rao, Assistant Geologist to the Director of Geology in Mysore, Bangalore.

"With reference to your letter No.7013-10 dated 11th October 1932 forwarding to me a copy of the Government order No.D.1538-9/Geo-1-16-32-6 dated 10th October 1932, I have to state that the regular session of the Colleges in London has already commenced since the first week of this month and as such I desire to commence my practical work in Modern Petrographic methods as early as possible. I learn that the fees in the Imperial College of Science has been raised at present to £62/10/- per session, and in some of the other colleges of London and other English Universities where there are equal facilities to carry on the required programme of study, the fees per session continues to be £22-10-0 as given in your estimate.

As it is likely to take sometime for me to interview the University authorities and fix up the college and the programme of work under the concerned professor, I would be much obliged if you kindly permit me to leave Bangalore on the 26th instant so as to enable me to sail from Bombay on the 29th of this month."

Offg. Director,
Mysore Geological Deptt.

Bs.13/x

G.R.S. App. F VI—G 2]

SUBJECT .....

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Diary No. of letter replied to .....

Section Geol

File No. 16-32-7

Serial No. 8

General and Revenue Secretariat

( )

the *193*

Proceedings of the Government of His Highness the Maharaja of Mysore.

Date of issue 17/10/ 1932

Signed by H. B. T. M. K.

May this be—

(i) printed ?

(ii) treated as a standing order ?

(iii) published in the Gazette, English Part ?

(iv) translated ?

(v) placed at the disposal of the press ?

(vi) published in the Gazette, Kannada Part ?

Read—

Govt order No D 15-38-9/ Geol 16-32-6 dated 10/10/32 sanctioning, ~~among other things~~ the deputation of Mr. B. Rama Rao, Assistant Geologist, to England and America for about one year, ~~subject to~~ under certain conditions.

~~Govt~~.

~~Order thereon.— No.~~

2 D.O. Letter ~~No D.O.~~ No. 70 12/32 dated 13/10/32 from the Offr on Special Duty Geol stating that the College fees in the Imperial College of Science, London has been raised from £22-10-0 to £62-10-0 ~~and~~ while ~~that~~ in some of the other colleges where there are equal facilities

For the proposed training in Advanced Pathology, the College fee ~~[illegible]~~ Continue to be £ 22-10-0 and recommending under the circumstances that Mr. Rama Rao may be permitted to select any suitable College either at London or at some other English University where he could get the best of training, within the limit of the fees sanctioned in this Govt. order read above

Order No 11635 = dated 17/10/32

The Govt's recommendation is sanctioned

16/10/32
For Secy

List of Enclosure.

To, The Dir of Med
The Comptr

Copied by

Examined by

PROCEEDINGS OF THE GOVERNMENT OF HIS HIGHNESS
THE MAHARAJA OF MYSORE

ab

Read:-

Government order No.D.1538-9/Geol.16-32-6 dated 10th October 1932 sanctioning the deputation of Mr.B.Rama Rao, Assistant Geologist, to England and ~~Mex~~ America for about one year under certain conditions.

2. D.O.letter No.7013-10 dated 13th October 1932 from the Offg. Director of Geology stating that the College fees in the Imperial College~~s~~ of Science, London has been raised from £ 22-10-0 to £ 62-10-0 while in some of the other Colleges where there are equal facilities for the proposed training in Advanced Petrology the College fees continue to be £ 22-10-0 and recommending, under the circumstances, that Mr.Rama Rao may be permitted to select any suitable College either at London or at some other English -- University where he could get the best training, within the limit of the tuition fees sanctioned in the Government order read above.

Order No. D 1635-6 / Geol 16-32-8

Dated, Bangalore, the ~~15th~~ 17th October 1932.

The Director's recommendation is sanctioned.

P Muthanna

For Secretary to Government,
Development Department

To

The Director of Geology in Mysore.
The Comptroller to Government.

mk.3

Immediate No 7013-17

A.M. Sen, Esq., M.Sc., F.G.S.&c. Mysore Geological Department.
Offg. Director of Geology. Bangalore, 18th October 1932.
Geol 16-32-9

DEVELOPMENT SECRETARY
18 OCT 1932

Dear Sir,

Above Dr. In my D.O. letter No.7013-10 dated 13th inst. to the 1st Member of Council, I also recommended that Mr. B. Rama Rao might be permitted to leave Bangalore on the 26th inst. as he would like to sail on the 29th by the P & O mail steamer leaving Bombay on that date, so that he might join the College as early as possible as the sessions have already commenced from the 1st week of October.

In the recent Government order No. D.1635-6/-Geol.16-32-8 dated 17th October 1932 received to-day, nothing has been mentioned about this point. I have already permitted him, as stated in my previous D.O. letter, to book his passage by that steamer, in anticipation of Government sanction.

Please let me know immediately if this has been formally approved by Government.

Yours sincerely,

A.M. Sen

D.Srinivasa Iyengar, Esq., B.A.,
Secretary to the Government of
His Highness the Maharaja of Mysore,
Development Department, Bangalore.

Bs.18/x

D. 1713

21st October 1932.

Dear Sir,

With reference to your D.O. letter No. 7013-17, dated 18th October 1932, stating that you have permitted, in anticipation of sanction, Mr. B. Rama Rao, Assistant Geologist, to book his passage by the P & O Mail Steamer leaving Bombay on 29th October 1932, I am desired to state that Government approve of your action.

Yours sincerely,

Sd/- D. Srinivasa Iyengar,

A.M. Sen, Esq., M.Sc., F.G.S., etc.,
Offg. Director of Geology in Mysore.

Memo No. D. 1714 Bangalore, dated the 21st Octr. '32.

Copy of the above is forwarded with compliments to the Comptroller to Government.

By Order,

For Secretary to Government
Development Department.

Jari dept

Appendix F G—1}

SUBJECT .....

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Section Genl.

File No. 16-3

Serial No. 10

Diary No. of letter replied to .....

No. D. 1713

To

The Secy to Govt Genl

General and Revenue Secretariat

( )

193

Date of issue 21/10/32

Signed by Mr B. Muddukrishnappa

Dear Sir,

With reference to your D.O. letter No 7013-17 dated 18/10/32 stating that Government permit in anticipation of sanction, Mr. B. Rama Rao, Asst. Geologist to book his passage by the P&O mail steamer leaving ~~Bangalore~~ Bombay on 29/10/32, I am ~~desired~~ desired to state that Govt approve of your action

Yours

Secy

19.10

Memo No D7714

Copy to Computer 18/10/32

~~Copy to the Compt~~

Copied by .....

Examined by .....

List of enclosures .....